

Da Nang city, Vietnam And the Environment City Plan (ECP)

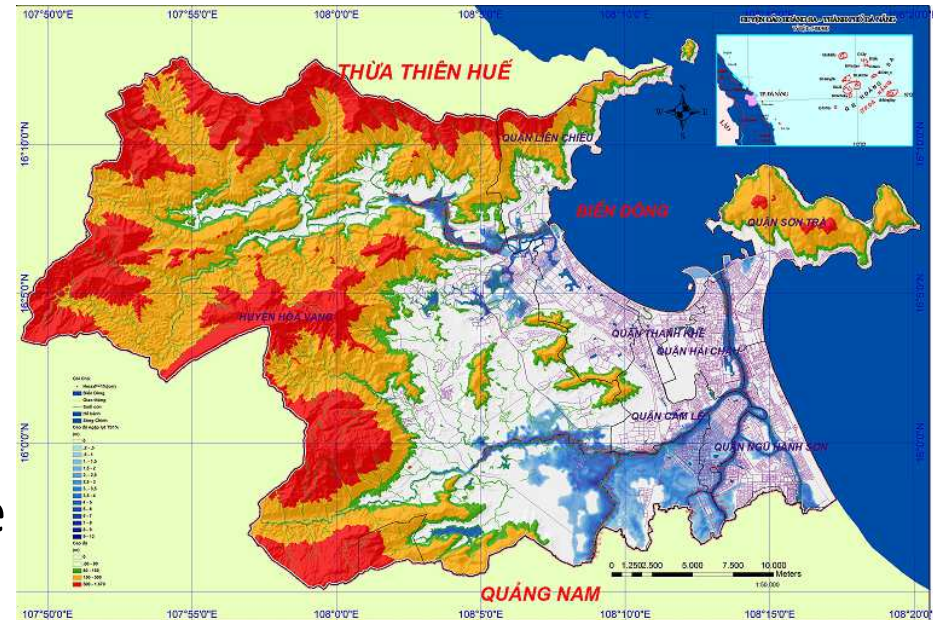


Introduction of Da Nang



- One of 5 big cities
- Area: 1.283,42 km² , 8 districts
- Population: 942.132 (2010);
- GDP per capita: 2283 USD (2011)

- Eastern end of East-West economic corridor
- Transit point of world heritage destinations



Introduction of Da Nang

Some special programmes:

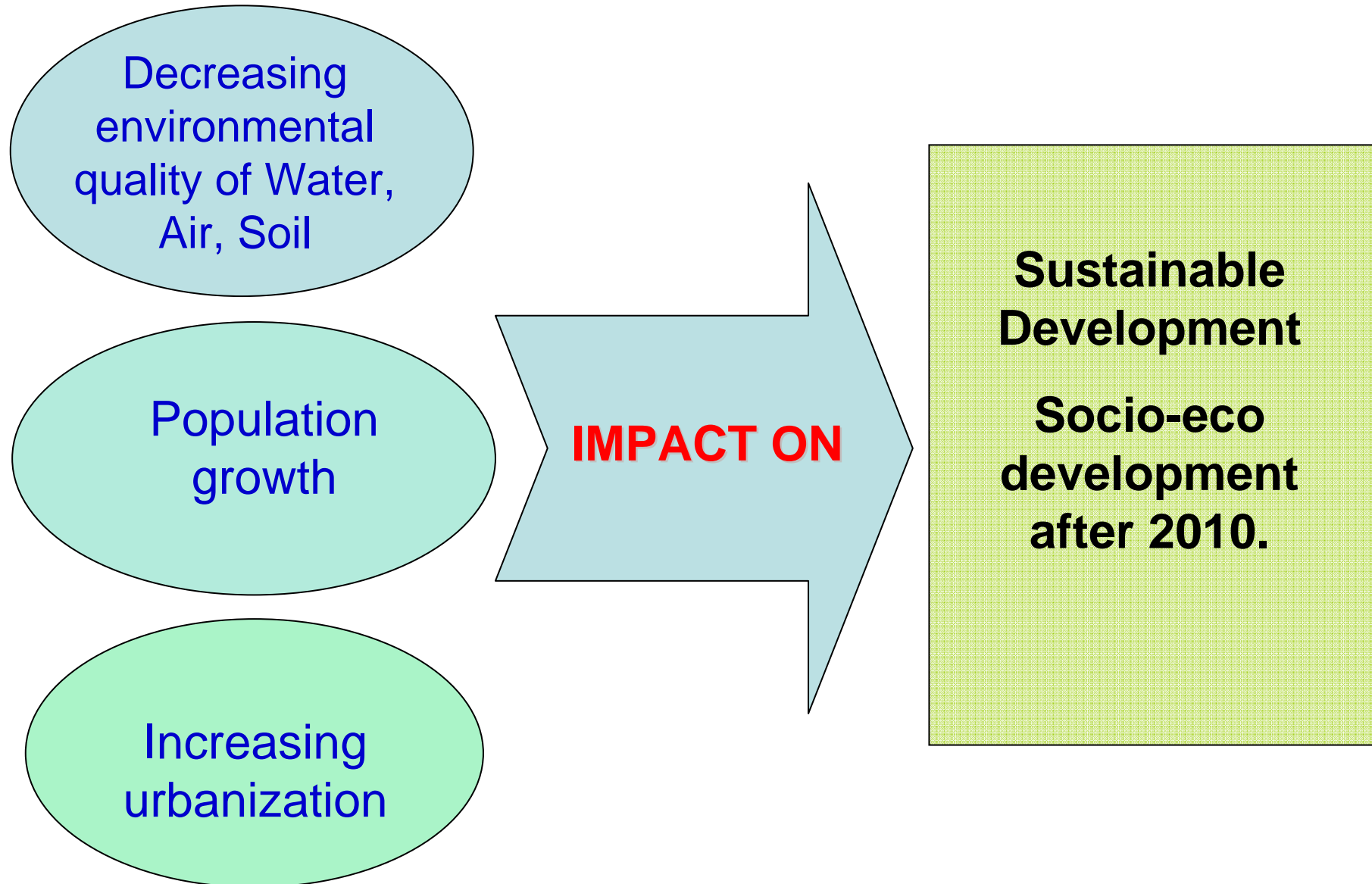
- Five No (*Not hungry - not illiterate - not beggars - no drugs - no murder robbery*)
- Three Yes (*Housing - Employment - urban civilized lifestyle*)”.
- Environmental City (issued in 2008)



The Environmental City Plan aims to build Da Nang –
An Environmental City - by 2020



Why Environmental City Plan (ECP)?



Advantages

Natural
conditions,
ecosystem
diversity

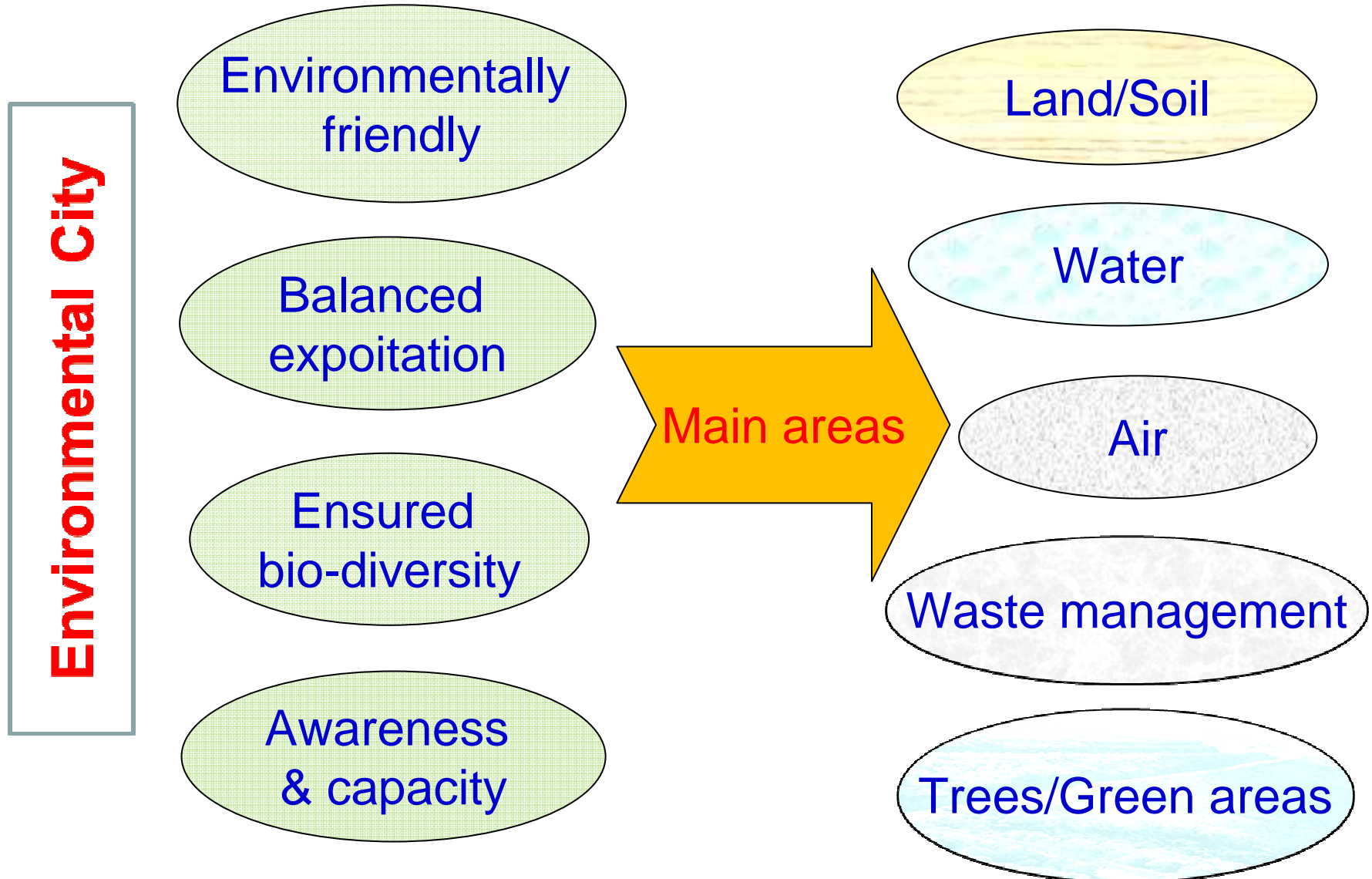
Small
population
scale

Technical
Infrastructure
Condition

Advantageous
and suitable
for building

**An
Environmental
City**

Guidelines and main areas



Overall ideas



**Building Da Nang to an Environmental City
By 2020**

Main goals of ECP

- ✚ Prevent environmental pollution in residential areas, nature conservation areas and key tourist areas;
- ✚ Improve the quality of water, soil, air, especially air pollution caused by transportation, treatment for industrial wastewater and hazardous waste;
- ✚ Improve management capacity of environmental protection;
- ✚ Raise public awareness on environmental protection.



Objectives by 3 main periods

From 2008 – 2010: Resolve urgent environmental problems



From 2011 – 2015: Achieve some environmental index at reasonable levels



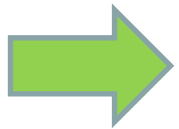
From 2016 – 2020: Obtaining targets for declaring Danang – an environmental city.

Main objectives by 2015

Criteria	Value to be achieved
Waste water from Industrial Zones	90% processed
Waste water of households in the inner city	90% collected and processed
Hazard waste	Control of hazard waste sources
Solid waste	90% collected and processed
Recycle of waste	50% of collected wastes are recycled
Access to clean water	90% urban residents 70% rural residents
Air	API < 100
Green areas (trees areas)	3 – 4m ² per capita
Biodiversity, forest coverage	50,6% forest coverage

Main objectives by 2020

Criteria	Value to be achieved
Waste water from Industrial Zones	100% processed
Recycle of waste	70% solid wastes recycled
Reuse of waste water	25% waste water reused
Green/Trees areas	6-8m ² per capita



**Officially declare Da Nang –
An Environmental City**



Concepts integrated in ECP

“Environment City”

Brand "Environment City"

Minimizing pollution in residential areas, nature conservation areas and key tourist areas.

Building capacity and raising awareness

“SUSTAINABLE DEVELOPMENT”

Improving urban public transport;

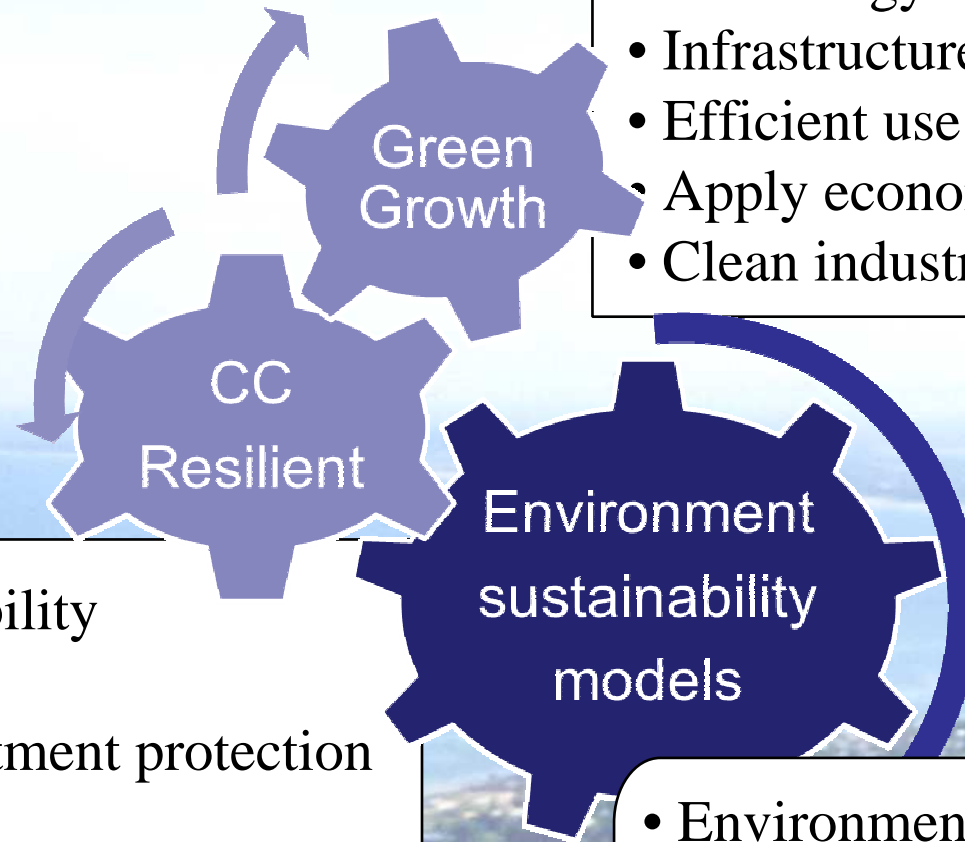
Improving urban environment;

Strengthening the capacity in the field of urban planning, traffic control and urban waste water services

“Resilient city to climate change”

Ability to implement the agenda of climate change and environmental sustainability and efficiency

Solutions integrated in Danang ECP



- Technology
- Infrastructure
- Efficient use of resources
- Apply economic measures
- Clean industry, hi-tech, IT...

- Assess vulnerability
- Integrating CC.
- Planning, investment protection works.
- Calling for investment
- Developing human resources.

- Environmental Quality
- Environmental infrastructure
- Economic measures in environmental protection
- Calling for investment.



Thank you for your attention!